

Hydrostop AW-C531

Joint cap PVC waterstop



Description

Hydrostop AW-C531 is extruded from an elastomeric polyvinyl chloride rubber. Hydrostop AW-C531 is designed in precision engineered profile to stop any possible leakage from expansion joints in cast-in place concrete elements.

Hydrostop AW-C531 can be used in combination with the integrated waterproofing system as it is suitable for both, water retaining and water excluding structures.

Applications

Hydrostop AW-C531 is suitable for use in 50 mm expansion concrete joints in the following structures:

- ▲ Water reservoirs.
- ▲ Waste water treatment plants.
- ▲ Storage tanks.
- ▲ Retaining walls, foundations, basements and suspended slabs.
- ▲ Swimming pools.
- ▲ Subways, tunnels and culverts.
- ▲ Canals, pumping stations and underground chambers.

Advantages

- ▲ Unique profile design.
- ▲ Has no effect on the quality of potable water.
- ▲ Can accommodate the movement of expansion joints.
- ▲ Prefabricated junction pieces.
- ▲ Easy to join on site.
- ▲ Resistant to wide diluted chemicals including hydrocarbons.

Method of Installation

Hydrostop AW-C531 can be placed on top of the shutter or expansion board. Secure Hydrostop AW-C531 in place by nailing it below the flange to the expansion board

Site Welding

The key to a leak free waterstop network is correct onsite jointing. Hydrostop AW-C531 is made of thermoplastic PVC, and can be easily welded using suitable heating processes, such as welding knife.

Technical Properties:

Colour:	Black & blue
Tensile strength:	≥ 13.0 MPa
Elongation at break:	> 300 %

Cut the edges to be welded in a sharp and straight line then secure the ends in a welding jig. Use the welding knife between the ends, until an even, molten bead appears.

Remove the welding knife and press the ends firmly together.

Consult DCP technical departments for further details.

Junction Pieces

Full ranges of factory made junction pieces are available for all profiles, for the following:

- ▲ Cross junctions.
- ▲ T junctions.
- ▲ Corner pieces.
- ▲ L junctions.

Other non-standard pieces can be made as may be required by project shop drawings.

Packaging

Hydrostop AW-C531 is available in 2 meter strips.

Storage

Hydrostop AW-C531 should be stored away from direct sunlight.

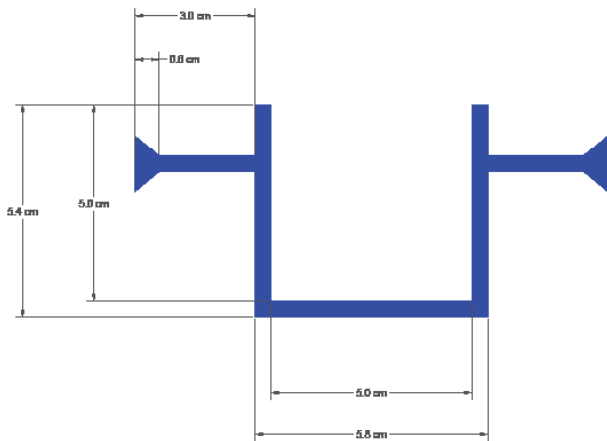
Cautions

Hot welding of PVC will generate acidic hydrogen chloride fumes, jointing should take place in a well ventilated area, or while wearing oxygen mask. Avoid breathing fumes. Wear a proper mask.

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